

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	88	((Iso) or (lutetium near orthosilicate)) with (cerium or ce)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/13 12:35
L2	0	method with form\$4 with scintillat with crystals	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/13 12:35
L3	96	method with form\$4 with scintillat\$5 with crystal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/13 12:42
L4	7	(method with form\$4 with scintillat\$5) and "117"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/13 14:17
L5	514	((diffus\$4 near3 oxygen) or oxygenate) with (scintillat\$5 or crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/13 14:18
L6	91	5 and ("250"/\$.ccls. or "117"/\$.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/13 14:19
S1	1	"10754238"	US-PGPUB	OR	ON	2006/02/22 11:00
S2	2	10/754238	US-PGPUB	OR	ON	2006/03/10 10:44
S3	325	(scintillat\$4 near crystal).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 09:51
S4	99	(scintillat\$4 near crystal) same Iso	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 09:54
S5	102	(scintillat\$4 near crystal) same (Iso or (lutetium near orthosilicate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:25

## EAST Search History

S6	123	(scintillat\$4 with crystal) same (Iso or (lutetium near orthosilicate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 09:51
S7	2	S6 and ((diffus\$4 with oxygen) same heat)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:32
S8	4	(scintillat\$4 with crystal) and ((diffus\$4 with oxygen) same heat)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:26
S9	5	(scintillat\$4 with crystal) and ((diffus\$4 with oxygen) same heat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:26
S10	0	"501"/\$.ccls. and Iso	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:29
S11	0	501/2.ccls. and Iso	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:29
S12	101	501/2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:29
S13	30484	"501"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:29
S14	0	S13 and (carium with lutetium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:30
S15	115	S13 and (cerium with lutetium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:30

## EAST Search History

S16	0	S13 and (cerium with lutetium with orthosilicate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:30
S17	3	S13 and (scintillat\$4 near crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:31
S18	256	ceramic near scintillator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:32
S19	7	S18 and Iso	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:32
S20	0	S19 and ((diffus\$4 with oxygen) same heat)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:32
S21	1	S18 and ((diffus\$4 with oxygen) same heat)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:32
S22	6	("20020144640" "4055391" "51640 41" "5324488" "5481114" "5483070" "5540947").PN.	USPAT	OR	ON	2006/02/23 11:21
S23	1	"20020144640"	US-PGPUB	OR	ON	2006/02/23 09:44
S24	37	(chai near bruce).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 09:45
S25	5	S24 and Iso	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 09:50
S26	3	Iso same oxygenate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 09:50

## EAST Search History

S27	0	(scintillat\$4 near crystal) same oxygenate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 09:51
S28	125	crystal same oxygenate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 09:51
S29	2	S28 and (Iso or (lutetium near orthosilicate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:55
S30	54	crystal with oxygenate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:05
S31	5	scintillat\$4 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:05
S32	16977	crystal with oxygen\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:05
S33	62451	scintillat\$4 same109	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:06
S34	62451	scintillat\$4 same10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:04
S35	50	scintillat\$4 same S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:06
S36	7	S35 and (Iso or (lutetium near orthosilicate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:35

## EAST Search History

S37	292	(diffus\$4 near oxygen) with crystal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:35
S38	480	(diffus\$4 near oxygen) with (crystal or ceramic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:36
S39	677	(diffus\$4 near oxygen) with (crystal or ceramic or monocrystalline)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:36
S40	910	(oxygenat\$4 or (diffus\$4 near oxygen)) with (crystal or ceramic or monocrystalline)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:36
S41	4	S40 and (Iso or (lutetium near orthosilicate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:37
S42	95	S40 and (Iso or (lutetium near orthosilicate) or cerium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:47
S43	9	S40 same (Iso or (lutetium near orthosilicate) or cerium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:58
S44	113661	(manufactur\$4 or grow\$4 or produc\$4) near2 crystal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:47
S45	5376	S44 and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:27
S46	141	S45 and (Iso or (lutetium near orthosilicate) or cerium or lyso)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:48

## EAST Search History

S47	79	S46 and (oxygen\$4 or oxidiz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:49
S48	38	S47 and scintillat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:49
S49	8	S48 and (light near yield)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:57
S50	2853	crystal same crucible same gas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:57
S51	1541	crystal same crucible same oxygen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:03
S52	15	S51 same (Iso or (lutetium near \$3orthosilicate) or cerium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:12
S53	76	crystal same crucible same ((diffus\$4 with oxygen) or oxygenat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:23
S54	0	scintillat\$4 same S53	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:04
S55	2	scintillat\$4 and S53	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:04
S56	65	S51 and (Iso or (lutetium near \$3orthosilicate) or cerium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:18

## EAST Search History

S57	13	S56 and ((diffus\$4 with oxygen) or oxygenat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:12
S58	8	S51 and (Iso or (lutetium near \$3orthosilicate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:18
S59	2	S53 and (Iso or (lutetium near \$3orthosilicate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:18
S60	0	cyrstal same (oxidized near3 state)	USPAT	OR	ON	2006/02/23 12:38
S61	0	cyrstal same "4+"	USPAT	OR	ON	2006/02/23 11:23
S62	0	cyrstal same "2+"	USPAT	OR	ON	2006/02/23 11:23
S63	0	cyrstal same "2 +"	USPAT	OR	ON	2006/02/23 11:23
S64	0	cyrstal same "1 +"	USPAT	OR	ON	2006/02/23 11:23
S65	126	crystal same "1 +"	USPAT	OR	ON	2006/02/23 11:23
S66	43	crystal same "4 +"	USPAT	OR	ON	2006/02/23 12:37
S67	1	cyrstal and (oxidized near state)	USPAT	OR	ON	2006/02/23 12:38
S68	51	((LIGHT NEAR YIELD) with (increas\$4 or improv\$4)) same crystal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:26
S69	8	S68 and oxygen\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:25
S70	16	S68 and scintillat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:25
S71	832	((LIGHT NEAR (emission or YIELD)) with (increas\$4 or improv\$4)) same crystal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:26

## EAST Search History

S72	170	((((LIGHT NEAR (emission or YIELD)) with (increas\$4 or improv\$4)) same (scintillat\$5 or crystal)) and oxygen\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:27
S73	8	((((LIGHT NEAR (emission or YIELD)) with (increas\$4 or improv\$4)) same (scintillat\$5 or crystal)) same oxygen\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:26
S74	68	((flow or diffus\$4) near2 oxygen) same czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:00
S75	0	((flow or diffus\$4) near2 oxygen) same czochralski and (scintillat\$4 with crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:28
S76	0	((flow or diffus\$4) near2 oxygen) same czochralski and (scintillat\$4 with crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:28
S77	3	((flow or diffus\$4) near2 oxygen) same (scintillat\$4 with crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:28
S78	27	(Iso or (lutetium near2 \$3orthosilicate)) and crucible	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:56
S79	4	S78 and (oxegen\$4 or oxidiz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:56
S80	141	scintillat\$4 and ((crystal or monocrystalline) same czochralski)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:01
S81	58	S80 and oxygen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:05



## EAST Search History

S82	63	S80 and (oxygen\$4 or oxidi\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/13 12:33
S83	0	(scintillat\$4 near crystal) same (diffus\$4 near3 oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 09:54
S84	0	(scintillat\$4 near crystal) same (diffus\$4 with oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 09:54
S85	15	((scintillat\$4 near crystal) with oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 09:55
S86	1	10/949403	US-PGPUB	OR	ON	2006/03/10 10:44